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Advanced Materials & Processes

July-December 1993, Vol. 144, No. 1-6

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LITERATURE

Post-heat treat equipment

Brochures SA-005 and 006 from Surface Combustion Inc., Maumee, Ohio, describe batch parts washers and load handling equipment designed as companion units for the company's Allcase integral quench furnaces. Spray- and spray/dunk-type washers have capacities that match the furnace, and are available gas-fired or electrically heated. Load handling equipment includes charge cars and workload tables. **Circle 237**

X-ray spectrometer

Literature from Philips Analytical X-Ray, Almelo, Netherlands, describes the PW 2600 simultaneous X-ray spectrometer for analysis of ferrous and nonferrous metals and alloys. The instrument can measure up to 28 elements in a few seconds, making it ideal for process control applications. Included is information on accessories and options. **Circle 233**

Heat-resistant alloy

Brochure from Rolled Alloys, Temperance, Mich., describes properties of HR-120, a 37% Ni, 25% Cr Ni-Fe-Cr alloy that is said to have high strength and excellent carburization resistance under both cyclic and constant temperature conditions. Potential applications include bar baskets, heat treating fixtures, recuperators, and dampers. It is considered an alternative to UNS N08810 and N08811. **Circle 234**

Stainless steel tubing

Technical brochure (8 p.) from AB Sandvik Steel, Sandviken, Sweden, describes use of stainless steel tubing in offshore applications. The literature uses major North Sea oil exploration projects to illustrate how austenitic and duplex grades are applicable for subsea flow lines, instrumentation tubing, methanol injection, and transporting service fluids. Alloy compositions and properties are included. **Circle 235**

Eddy current instrument

Imaging products for use with the smartEddy 3.0 computerbased eddy current instrument are highlighted in a four-page brochure from SE Systems Inc., Hayward, Calif. SmartEddy combines special software with internally mounted instrument modules to convert IBM compatible personal computers into multiple frequency, low-noise eddy current testing, measurement, and imaging systems. **Circle 236**

Brazing test specimens

Wall Colmonoy Corp., Madison Heights, Mich., has published a data sheet (No. 2.2.15) describing uses of its stainless steel T-specimens in brazing quality assurance. Added to part loads, the AISI Type 304 stainless steel strips can help users determine the origin of a brazing problem, whether it is the furnace, the atmosphere, the base metals being joined, or the filler metal. Regular use of the strips also can pinpoint whether problems occurred during heat-up or cool-down. **Circle 239**

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